

JP8246232A 19960924 POLYPROPYLENE HEAT-FUSED FIBER AND NONWOVEN

FABRIC Assignee/Applicant: SHOWA DENKO KK **Inventor(s)** : TAKAHASHI TETSUYA ; NAKAMURA AKIRA ; KOTANI TERUMITSU **Priority (No,Kind,Date)** : JP8076195 A

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Language of Document: NotAvailable **Abstract**:

PURPOSE: To obtain a thermally fusible fiber not having a waxy touch but having a dry and soft skin touch as a single layered thermally fusible fiber easy in the production, and having a high fusion strength even fused at a relatively low temperature, and to produce a thermally fused nonwoven fabric from the same.

CONSTITUTION: A polypropylene thermally fusible fiber is produced from a resin composition comprising a polypropylene resin and silica and/or a fatty acid amide in an amount of 0.1-3.0wt.% based on the polypropylene resin and having a lower crystallization heat generation-starting temperature [TCS (°C)] than a value calculated by an equation:

$TCS (°C) = 0.094CE^2 - 4.13CE + 127$ (CE is an ethylene content %), and a polypropylene thermally fused nonwoven fabric is produced.

Legal Status: There is no Legal Status information available for this patent